PAT-NO:                JP02000076139A

DOCUMENT-IDENTIFIER:   JP 2000076139 A

TITLE:                 PORTABLE INFORMATION STORAGE MEDIUM

PUBN-DATE:             March 14, 2000


INVENTOR-INFORMATION:
NAME                                        COUNTRY
TANNO, MASAAKI                              N/A
TAKEDA, TADAO                               N/A
BAN, KOJI                                   N/A


ASSIGNEE-INFORMATION:
NAME                                        COUNTRY
NIPPON TELEGR & TELEPH CORP <NTT>           N/A


APPL-NO:       JP10243380

APPL-DATE:     August 28, 1998


INT-CL (IPC):  G06F012/14, G06K019/073


ABSTRACT:

    PROBLEM TO BE SOLVED: To erase secret information  and
to preserve required
information upon detecting a physical attack from the
outside.

    SOLUTION: A sensor element 2 detects the physical attack
from the outside.
A first memory element 3 is a writable/readable memory and
a second memory
element 5 is a read-only memory capable of white only once.
A voltage
monitoring means 8 monitors the output voltage of a battery
7.  When the
physical attack is detected by the sensor element 2 or when
the output voltage

abnormality of the battery 7 is detected by a voltage
monitoring mechanism 8, a
memory control mechanism 6 reads information to be
preserved from the memory
element 3, writes it in the memory element 5 and <u>erases the
secret information</u>
stored in the memory element 3.